

CLAIMS

1. (Previously presented) An integrated mobile device that provides local functionality and communication functionality, comprising:
 - a first power supply;
 - a computing unit, coupled to the first power supply;
 - a second power supply;
 - a radio communication unit coupled to the second power supply; and
 - a switch, coupled to the second power supply, adapted to selectively couple the radio communication unit to the second power supply, to provide first and second modes of operation, wherein the first mode of operation enables the computing unit and the radio communication unit, and the second mode of operation disables the radio communication unit and enables the computing unit.
2. (Previously presented) The device of claim 1, wherein the radio communication unit provides cellular communication between the mobile device and an external entity.
3. (Original) The wireless communication device of claim 1, wherein the computing unit comprises:
 - a data storage area to store information; and
 - a processor, coupled to the data storage area, to retrieve the information.
4. (Original) The wireless communication device of claim 3, wherein the information includes random access information.
5. (Previously presented) The wireless communication device of claim 3, wherein the information includes read-only information.
6. (Original) The wireless communication device of claim 3, wherein the information includes multimedia information.

7. (Previously presented) The wireless communication device of claim 7, wherein the computing unit is adapted to provide data communication functionality between the mobile device and an external entity in response to said radio communication unit being unit being enabled.

8. (Previously presented) The wireless communication device of claim 7, wherein the external entity comprises an adaptive array base station.

9. (Currently amended) A method for selectively disabling the wireless communication functionality of an integrated portable computing-communication device, the method comprising:

enabling a first mode of operation in which both wireless communication functionality and local functionality of the device are enabled;

enabling a second mode of operation in which the wireless communication functionality is disabled and the local functionality is enabled; and

switching between the first and second modes of operation in response to a broadcast signal wirelessly transmitted broadcast in a particular geographic region.

10. (Original) The method of claim 9, further comprising providing a third mode of operation in which neither the wireless communication functionality nor the local functionality of the device is enabled.

11. (Previously presented) The method of claim 9, wherein switching between the first and second modes of operation comprises:

in the first mode of operation, providing power to a computing unit and a radio communication unit of the integrated portable computing-communication device, wherein the computing unit provides the local functionality and the radio communication unit provides the communication functionality; and

in the second mode of operation, providing power to the computing unit, and not providing power to the communication unit.

12. (Previously presented) The method of claim 9, wherein switching between the first and second modes of operation comprises disabling at least a portion of a radio communication functionality in the second mode of operation.

13. (Previously presented) The method of claim 9, wherein the first mode of operation provides transfer of data between the portable device and an external entity.

14. (Previously presented) The method of claim 13, wherein the external entity includes a base station coupled to a data communication network.

15. (Previously presented) The method of claim 14, wherein the external entity further includes a voice communication network.

16. (Previously presented) The method of claim 14, wherein the data communication network includes the Internet.

17. (Currently amended) A multifunction portable apparatus that provides wireless communication and local functionality, the apparatus comprising:

a first means for enabling local functionality;

a second means for enabling communication functionality; and

a selection means triggered by a wireless signal broadcast by an external entity for selecting between a first mode of operation, wherein both the local functionality and the communication functionality are enabled, and a second mode of operation, wherein the local functionality is provided and the communication functionality is disabled.

18. (Previously presented) The apparatus of claim 17, wherein the selection means comprises a means for switching between the first and second modes of operation.

19. (Previously presented) The apparatus of claim 18, wherein the switching means is coupled to a power supply means, the switching means to disable the supply of power from the power supply means to at least a portion of the second means.

20. (Canceled)

21. (Previously presented) The apparatus of claim 17, wherein the external entity comprises a transmitter to transmit a signal to trigger the selection means to select between the first and second modes of operation.

22. (Previously presented) The apparatus of claim 17, further comprising an indication means for indicating whether the apparatus is operating in the first or second mode of operation.

23. (Currently amended) In an integrated device combining user-operated computing functionality and wireless communication, a method comprising:

enabling access to user-operated computing functionality and access to sending and receiving wireless signals; and

subsequently disabling the access to sending wireless signals while simultaneously maintaining the access to the user-operated computing functionality and the access to receiving wireless signals responsive to a signal wirelessly broadcast by an external entity.

24. (Previously presented) The method of claim 23, wherein disabling the access to the receiving wireless signals comprises disabling at least a portion of a radio frequency (RF) unit.

25. (Previously presented) The method of claim 24, wherein disabling the portion of the RF unit comprises disabling the portion of the RF unit with a switch.

26. (Previously presented) The method of claim 24, wherein disabling the portion of the RF unit comprises disabling a local oscillator of the RF unit.

27. (Previously presented) The method of claim 26, wherein disabling the local oscillator of the RF unit comprises sending a software command to a local oscillator control circuit to cause the local oscillator to cease operation.

28. (Previously presented) The method of claim 26, wherein disabling the local oscillator of the RF unit comprises a hardware selection mechanism triggering a circuit to cause the local oscillator to cease operation.

29. (Previously presented) The method of claim 23, wherein disabling the access to the sending wireless signals comprises disabling at least an operation of the antenna.

30. (Previously presented) The method of claim 29, wherein disabling the operation of the antenna further comprises disconnecting the antenna from a power supply.

31. (Previously presented) The method of claim 29, wherein disabling the operation of the antenna further comprises increasing electromagnetic shielding of the antenna.

32. (Previously presented) The method of claim 31, wherein increasing the electromagnetic shielding of the antenna comprises surrounding the antenna with a metal coil.

33. (Previously presented) The method of claim 23, wherein disabling the access to the sending wireless signals comprises disabling the access in response to selection of a soft key on the device.

34. (Previously presented) The method of claim 23, wherein disabling the access to the sending wireless signals comprises disabling the access in response to toggling of a mechanical switch on the device.

35. (Previously presented) The method of claim 23, wherein disabling the access to sending wireless signals comprises disabling the access in response to depressing of a button on the device.

36. (Canceled)

37. (Currently amended) A computer readable medium having instructions stored thereon that, if executed by a computing platform, are adapted to cause said computing platform to perform a method comprising:

~~coupling a enabling access to user-operated computing functionality and access to sending and receiving wireless signals~~ unit to a first power supply;

~~subsequently disabling the access to sending wireless signals; and~~

~~continuing enabling the access to the user-operated computing functionality and the access to receiving wireless signals~~

coupling a radio communication unit to a second power supply;

selectively coupling the radio communication unit to the second power supply to provide first and second modes of operation;

where the first mode of operation enables the computing unit and the radio communication unit;

where the second mode of operation disables the radio communication unit and enables the computing unit.

38. (Currently amended) The computer readable medium of claim 37, wherein instructions stored thereon that, if executed by said computing platform, are further adapted to cause said computing platform to perform the method wherein selecting coupling the radio communication unit includes disabling the access to sending wireless signals from the radio communication unit while maintaining access to receiving wireless signals from the radio communication unit ~~comprises disabling at least a portion of a radio frequency (RF) unit.~~

39. (Currently amended) The computer readable medium of claim 38, wherein instructions stored thereon that, if executed by said computing platform, are further adapted to cause said computing platform to perform the method wherein ~~disable~~ disabling the access to sending wireless signals comprises sending a software command that results in a portion of the RF radio communication unit ceasing operation.

40. (Currently amended) The computer readable medium of claim 38, wherein instructions stored thereon that, if executed by said computing platform, are further adapted to cause said computing platform to perform the method wherein disabling the access to sending wireless signals comprises disabling a local oscillator of the RF radio communication unit.

41. (Currently amended) The computer readable medium of claim 37 38, wherein instructions stored thereon that, if executed by said computing platform, are further adapted to cause said computing platform to perform the method wherein disabling the access to sending wireless signals comprises disabling at least an operation of an antenna coupled to the radio communication unit.

42. (Currently amended) The computer readable medium of claim 37 38, wherein instructions stored thereon that, if executed by said computing platform, are further adapted to cause said computing platform to perform the method wherein disabling the access to sending wireless signals comprises disabling the access in response to selection of a soft key on the a device integrally comprising the radio communication unit and the user-operated computing unit.

43. (Currently amended) The computer readable medium of claim 37 38, wherein instructions stored thereon that, if executed by said computing platform, are further adapted to cause said computing platform to perform the method wherein disabling the access to sending wireless signals comprises ~~the~~ disabling the access in response to activation of a mechanical trigger on the a device integrally comprising the radio communication unit and the user-operated computing unit.

44. (Currently amended) The computer readable medium of claim 43, wherein instructions stored thereon that, if executed by said computing platform, are further adapted to cause said computing platform to perform the method wherein disabling the access in response to activation of a mechanical trigger comprises disabling the access to sending wireless

signals in response to depressing of a button on ~~the~~ a device integrally comprising the radio communication unit and the user-operated computing unit.

45. (Currently amended) An integrated device combining local processing and data storage functionality, and wireless communication functionality including sending and receiving functionality, comprising:

means for enabling the local processing and data storage functionality;
means for enabling the sending and receiving functionality; and
means for disabling the sending functionality while maintaining said local processing, said data storage functionality and said receiving functionality responsive to a wirelessly transmitted signal in a particular geographic region.

46. (Previously Presented) The integrated device of claim 45, wherein the means for disabling the transmission of radio signals comprises means for disabling at least a portion of a radio frequency (RF) unit.

47. (Previously Presented) The integrated device of claim 46, wherein the means for disabling the transmission of radio signals comprises means for disabling a local oscillator of the RF unit.

48. (Previously Presented) The integrated device of claim 46, wherein the means for disabling the transmission of radio signals comprises means for disconnecting at least a portion of the RF unit from a power source.

49. (Previously Presented) The integrated device of claim 45, wherein the means for disabling the transmission of radio signals comprises means for disabling an operation of an antenna.

50. (Previously Presented) The integrated device of claim 49, wherein the means for disabling the operation of the antenna further comprises means for disconnecting the antenna from a power supply.

51. (Previously Presented) The integrated device of claim 49, wherein the means for disabling the operation of the antenna further comprises means for increasing electromagnetic shielding of the antenna.

52. (Previously Presented) The integrated device of claim 45, wherein the means for disabling the transmission of radio signals comprises means for disabling transmission in response to toggling of a mechanical switch on the device.

53. (Previously Presented) The integrated device of claim 45, wherein the means for disabling the transmission of radio signals comprises means for disabling transmission in response to depressing of a button on the device.

54. (Previously Presented) A portable apparatus to provide wireless communication and local processing, comprising:

a direct current power source;

a computing unit coupled to the power source to provide the local processing, the computing unit having a processor, a memory, and a user interface; and

a radio frequency (RF) unit selectively coupled to the power source through a switch to provide the wireless communication, the RF unit having a radio transceiver, a signal processing unit, and an antenna;

wherein the switch is adapted to selectively disable the antenna to provide, respectively, a wireless communication enabled mode having both the wireless communication and the local processing accessible, and a wireless communication disabled mode having the local processing accessible and the wireless communication inaccessible.

55. (Previously Presented) The portable apparatus of claim 54, wherein the switch is operated to selectively increase/decrease the shielding of the antenna.

56. (Previously Presented) The portable apparatus of claim 54, wherein the switch is operated to selectively connect/disconnect the antenna from the power source.

57. (Currently amended) In an integrated device combining interactive data processing functionality and wireless communication, a method comprising:
simultaneously enabling access to the interactive data processing functionality and enabling operation of a mechanism for wireless signal communication; and
in response to detecting ~~an event~~ a wireless signal broadcast by an external entity in a particular geographic region, providing notification to disable the operation of the mechanism for wireless signal communication while simultaneously maintaining the access to the interactive data processing functionality by use of a selection mechanism.

58. (Previously Presented) The method of claim 57, wherein disabling the operation of the mechanism for wireless signal communication comprises disabling the operation of wireless signal reception.

59. (Previously Presented) The method of claim 57, wherein disabling the operation of the mechanism for wireless signal communication comprises disabling the mechanism for operation of wireless signal reception.

60. (Previously Presented) The method of claim 57, wherein disabling the operation of the mechanism for wireless signal communication comprises disabling the mechanism for wireless calls.

61. (Previously Presented) The method of claim 57, wherein disabling the operation of the mechanism for wireless signal communication comprises disabling the mechanism for a data communication session.

62. (Previously Presented) The method of claim 57, wherein disabling the operation of the mechanism for wireless signal communication comprises disabling the mechanism wide area network access.

63. (Previously Presented) The method of claim 57, wherein detecting the event comprises detecting a user input.

64. (Previously Presented) The method of claim 57, wherein detecting the event comprises detecting a signal from an external entity.

65. (Currently amended) A method for operating a portable device having both wireless communication functionality and computing functionality, comprising:
providing a first mode having both the wireless communication functionality and the computing functionality operational;
providing a second mode having the computing functionality operational and the wireless communication functionality non-operational; and
automatically switching between the first mode and the second mode in response to a wireless trigger signal received at the device.

66. (Previously Presented) The method of claim 65, wherein the portable device comprises a cell phone with personal digital assistant functionality.

67. (Previously Presented) The method of claim 65, wherein the portable device comprises a personal digital assistant (PDA) with a wireless communication unit.

68. (Currently amended) The method of claim 65, wherein the wireless trigger signal received at the device comprises a depression of a button on the device.

69. (Currently amended) The method of claim 65, wherein the wireless trigger signal received at the device comprises a signal received automatically from an external entity.